

GROUND-WATER LEVELS
 GREENE COUNTY—Continued

353127077333705. County number, GR-167; LWQ15M.

LOCATION.--Lat 35°31'26.7", long 77°33'36.7", Hydrologic Unit 03020203, near Lizzie, north of Secondary Road 1335 and west of Secondary Road 1345.
 Owner: DENR (North Carolina Department of Environment and Natural Resources).

WATER-LEVEL RECORDS

AQUIFER.--Surficial.

WELL CHARACTERISTICS.--Drilled observation well, depth 11.6 ft, diameter 2 in., screened interval from 7.4 to 11.4 ft.

INSTRUMENTATION.--Measured periodically with steel and electric tape.

DATUM.--Land-surface datum is 73.72 ft above NGVD of 1929 (levels by North Carolina Geodetic Survey). Measuring point: Top of metal casing, 2.05 ft above land surface datum.

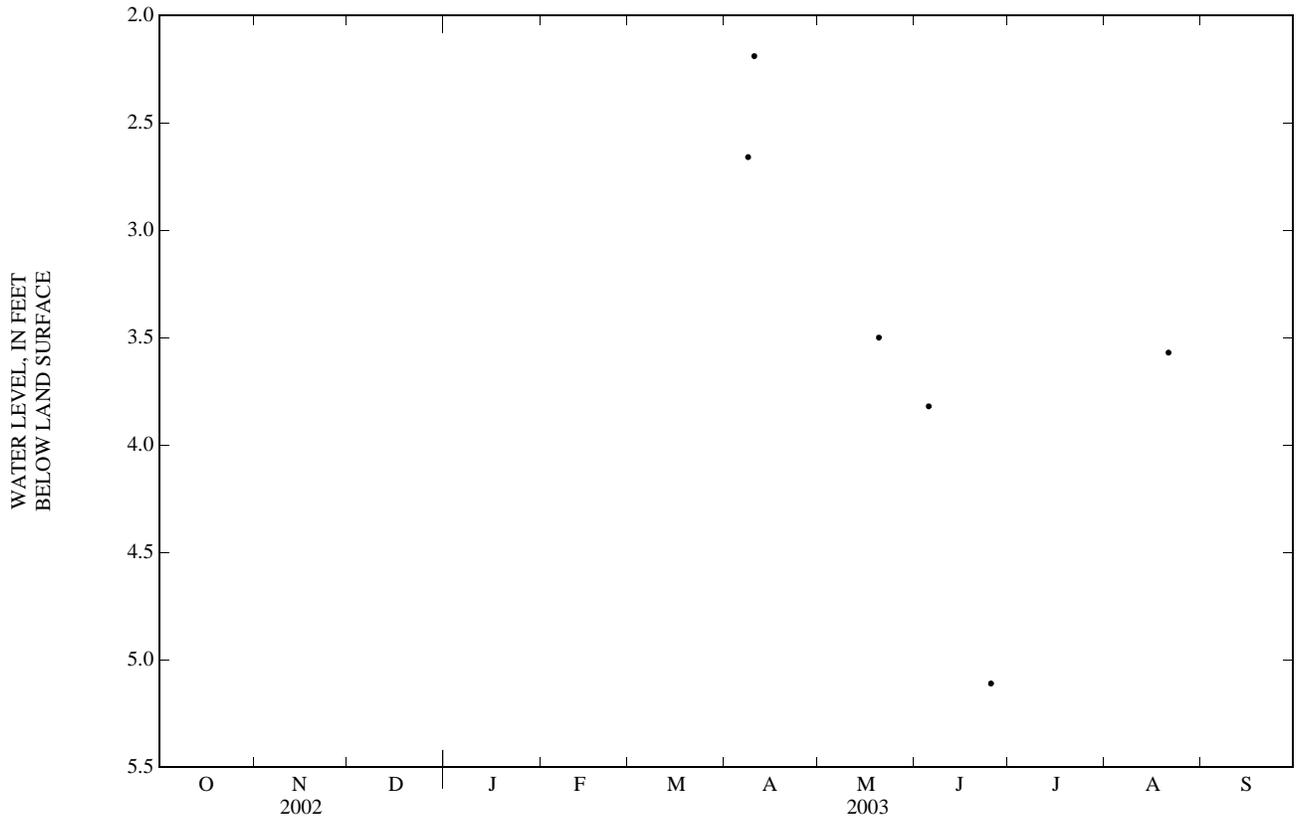
REMARKS.--Station operated in cooperation with DENR as part of the Lizzie research site water-quality monitoring project.

PERIOD OF RECORD.--April to September 2003.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.19 ft below land-surface datum, Apr. 10, 2003; lowest water level measured, 5.11 ft below land-surface datum, June 25, 2003.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, FOR PERIOD APRIL TO SEPTEMBER 2003

DATE	WATER LEVEL										
APR 09	2.66	APR 10	2.19	MAY 20	3.50	JUN 05	3.82	JUN 25	5.11	AUG 21	3.57



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WATER-QUALITY RECORDS

PERIOD OF RECORD.--April to September 2003.

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WATER-QUALITY DATA, FOR PERIOD APRIL TO SEPTEMBER 2003

Date	Time	Depth to water level, feet below LSD (72019)	Barometric pressure, mm Hg (00025)	Dissolved oxygen, mg/L (00300)	Dissolved oxygen, percent of saturation (00301)	pH, water, unfltrd field, std units (00400)	Specif. conductance, wat unfltrd uS/cm 25 degC (00095)	Temperature, air, deg C (00020)	Temperature, water, deg C (00010)	Hardness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water, fltrd, mg/L (00915)	Magnesium, water, fltrd, mg/L (00925)	Potassium, water, fltrd, mg/L (00935)
Date	Sodium, water, fltrd, mg/L (00930)	Chloride, water, fltrd, mg/L (00940)	Sulfate water, fltrd, mg/L (00945)	Ammonia + org-N, water, fltrd, mg/L as N (00623)	Ammonia water, fltrd, mg/L as N (00608)	Nitrite + nitrate water, fltrd, mg/L as N (00631)	Nitrite water, fltrd, mg/L as N (00613)	Organic nitrogen, water, fltrd, mg/L (00607)	Orthophosphate, water, fltrd, mg/L as P (00671)	Phosphorus, water, fltrd, mg/L (00666)	Total nitrogen, water, fltrd, mg/L (00602)	Organic carbon, water, fltrd, mg/L (00681)	Iron, water, fltrd, ug/L (01046)
APR 10...	1120	2.19	760	2.4	23	4.3	225	11.0	14.0	59	14.0	5.81	3.52
JUN 05...	1155	3.82	763	1.9	20	4.8	222	31.0	16.9	61	15.5	5.48	4.70
AUG 21...	1555	3.57	769	1.8	20	4.7	250	32.0	20.9	67	16.8	6.06	5.82
APR 10...	3.94	29.9	4.7	0.22	0.06	9.94	0.052	0.16	<0.04	<0.004	10	--	35
JUN 05...	4.68	32.2	7.1	0.18	<0.04	9.28	<0.008	--	--	<0.004	9.5	1.1	159
AUG 21...	4.26	29.7	6.3	0.21	<0.04	12.6	<0.008	--	<0.18	E.002	13	--	21